Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 23 Sep 2022 until 23:59 on Saturday 24 Sep 2022

Forecast Issued on Thursday 22 Sep 2022 at 14:33

Confidence: High for the general forecast and transition to cooler conditions. Lower confidence in low cloud detail and for timing and amounts of rainfall Sunday night.

Headline for Friday 23 Sep 2022: Dull morning with outbreaks of rain. Bright afternoon with sunny spells.

Mountain weather hazards on Friday 23 Sep 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain	Mist	Sunny	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
60%	40%	30%	20%	<05%	10%	10%	<05%

Forecast for Friday 23 Sep 2022

Weather: A dull start to the day with extensive low cloud and outbreaks of increasingly patchy rain. Conditions will steadily improve from the west with long sunny spells expected widely by late morning. Fair weather cloud building through the afternoon with a chance of an isolated light shower. Skies largely clear overnight.

Chance of cloud-free hill tops above 600m: 20% improving by late morning to 90% as rain clears

Low cloud and visibility: Extensive low cloud initially with bases around 300m, particularly on west facing slopes. Cloud will clear from the west through the morning with bases gradually lifting before summits become cloud free. Visibility will be poor or very poor beneath the cloud base initially and in any rain, improving to very good as cloud clears.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Friday 23 Sep 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/10 NW	7/11 NW	7/13 N	8/11 N	8/13 N	8/11 N	5/10 NW	5/9 NW	5/8 N
300	5/8 W	5/8 N	5/8 NW	5/7 NW	7/11 NW	8/13 N	7/12 NW	6/9 W	4/7 NW
Valley	3/8 NW	3/7 NW	3/9 NW	4/8 NW	6/11 NW	8/14 N	6/13 NW	3/9 N	3/5 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/9	9/7	8/7	9/8	11/10	12/10	10/9	8/7	8/6
300	12/12	11/10	10/9	12/11	14/13	15/13	13/11	11/10	10/9
Valley	12/12	11/11	10/9	12/12	15/14	16/14	13/12	10/10	9/9
Freezing Level*	2400m	2200m	1800m	1800m	1800m	1800m	1900m	1800m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Extensive low cloud and poor visibility will make navigation challenging at the start of the day. Elevated UV levels are expected during the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 22 Sep 2022	0.2mm	0.2mm	0.2mm

Forecast for Saturday 24 Sep 2022

Weather: Morning mist and fog patches will gradually lift and clear. Thereafter a bright day of sunny spells and the odd shower developing in the afternoon. Skies clearing overnight allowing fog to reform.

Maximum wind: North to northeasterly 10-15 mph, with gusts to 25 mph.

Chance of cloud-free hill tops above 600m: 60%, improving to above 90% by mid-morning and outside of showers.

Low cloud and visibility: Fog in the valleys may form banks of low cloud as it lifts and breaks, briefly shrouding higher summits. By mid-morning, cloud is expected to lift clear of summits. In the vicinity of showers, cloud bases may lower to around 500m, otherwise summits cloud free. Visibility very poor in any fog soon becoming very good, with brief deteriorations in any showers.

Temperature: **Valleys:** Plus 7 Celsius becoming Plus 14 Celsius.
At 600m: Plus 6 Celsius becoming Plus 11 Celsius by late morning.
Freezing level: Above the summits.

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